

What is claimed is:

1. A silver salt photothermographic dry imaging material comprising a support having thereon a photosensitive layer and a polymer layer,

wherein the polymer layer comprises a copolymer of:

(i) a fluorine containing acrylate or a fluorine containing methacrylate; and

(ii) a monomer having a hydrophobic group in the molecule.

2. The silver salt photothermographic dry imaging material of claim 1,

wherein an amount of fluorine contained in the copolymer is not less than 4 mmol/m².

3. The silver salt photothermographic dry imaging material of claim 1,

wherein an amount of the copolymer in the polymer layer is 0.1 to 15% based on the total weight of the polymer layer.

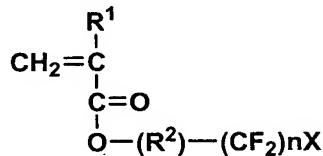
4. The silver salt photothermographic dry imaging material of claim 1,

wherein the polymer layer is an outermost layer on the support.

5. The silver salt photothermographic dry imaging material of claim 1,

wherein the fluorine containing acrylate or the fluorine containing methacrylate is represented by Formula (1):

Formula (1)

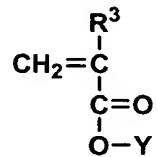


wherein, R¹ represents a hydrogen atom, a fluorine atom or a methyl group; R² represents a methylene group, an ethylene group or a 2-hydroxypropylene group; X represents a hydrogen atom or a fluorine atom; and n represents an integer of 1 to 4.

6. The silver salt photothermographic dry imaging material of claim 1,

wherein the monomer having a hydrophobic group in the molecule is represented by Formula (2):

Formula (2)



wherein, R^3 represents a hydrogen atom or a methyl group; and Y represents an alkyl group, an cyclic alkyl group or an aromatic group.

7. The silver salt photothermographic dry imaging material of claim 1,

wherein the copolymer further comprises a monomer having an epoxy group.

8. The silver salt photothermographic dry imaging material of claim 5, wherein the copolymer contains at least 20 mol% of a monomer represented by Formula (1).

9. The silver salt photothermographic dry imaging material of claim 1,

wherein the copolymer is produced with a pearl polymerization method.

10. The silver salt photothermographic dry imaging material of claim 1, comprising further an electrically-conductive layer containing a polyester co-polymer and a tin oxide compound.